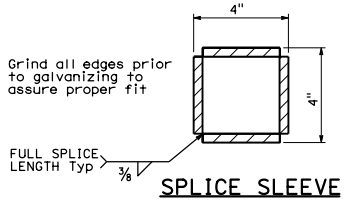
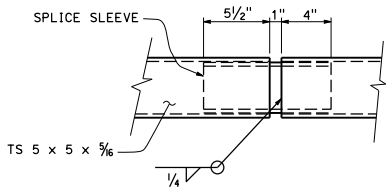


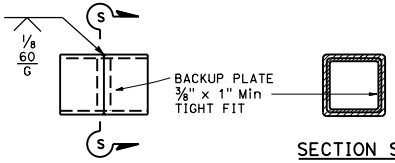
SPLICE SLEEVE

Make from 3/8" plates
Splice to fit freely
inside TS 5 x 5 x 5/16



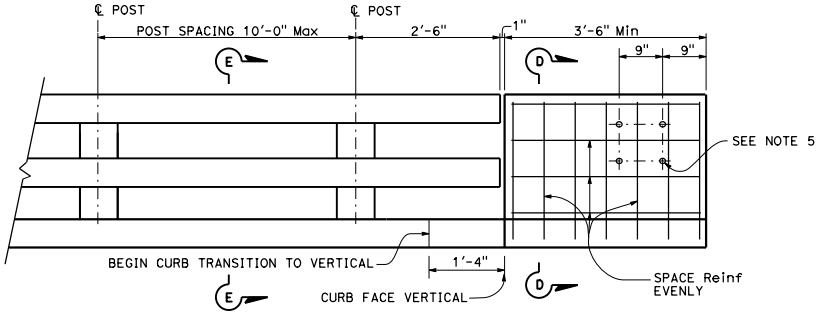
EXPANSION JOINT

See Note 4

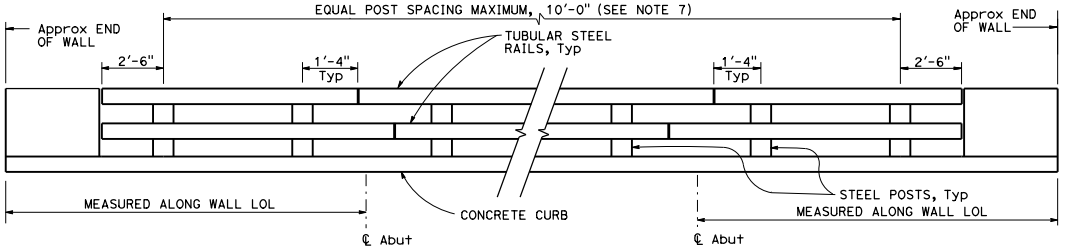


SECTION S-S

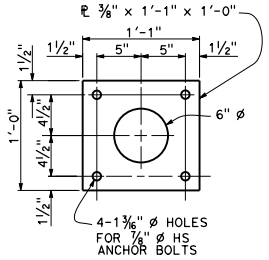
ALTERNATE TUBE WELDED SPLICE



END OF RAILING ELEVATION

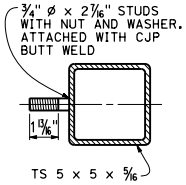


BRIDGE RAILING ELEVATION



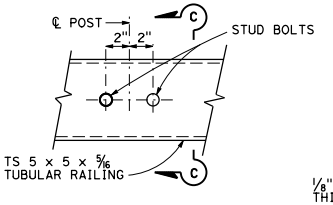
SECTION B-B

POST ANCHOR BOLT PLATE



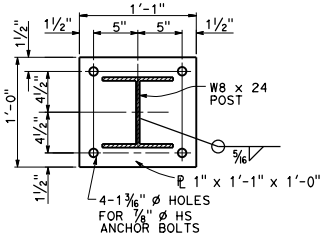
SECTION C-C

STUD BOLT



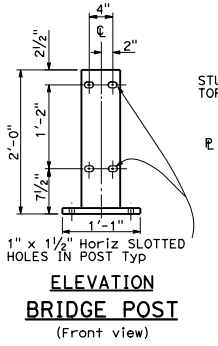
STUD BOLT LOCATION DETAIL

(Backside view of railing)



PLAN

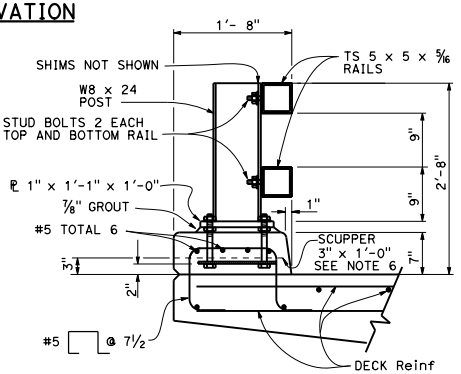
POST BASE PLATE PLAN



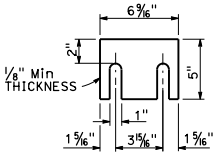
ELEVATION

BRIDGE POST

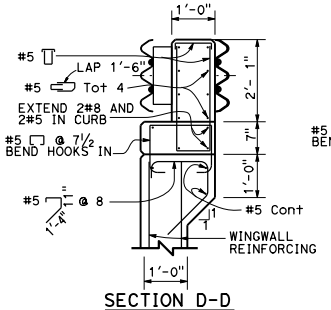
(Front view)



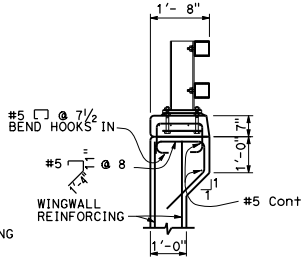
TYPICAL SECTION



RAILING SHIM DETAIL

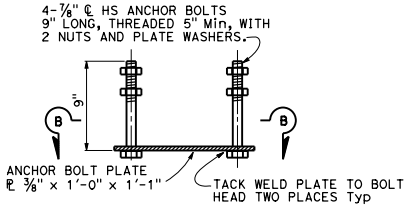


SECTION D-D



SECTION E-E

On Wingwall



POST ANCHOR BOLT DETAILS

GENERAL NOTES:

1. Post shall be normal to railing.
2. All exposed corners shall be ground smooth.
3. Tubing shall be continuous over not less than 3 intermediate posts.
4. Expansion joints in rail tubes shall match deck expansion joints.
5. For typical metal railing connection details not shown, see Standard Plans A77U1 and A77U2.
6. If required, place scuppers midway between rail posts near centerline spans. Adjust reinforcing spacing to clear openings.
7. Post spacing and/or end block length to be adjusted to fit bridge length or approach slab.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

October 30, 2015

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Tiliat Satter — No. C42892 — Exp. 3-31-16 — CIVIL — STATE OF CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CALIFORNIA ST-30 BRIDGE RAIL

NO SCALE

B11-65